## GREAT DAYS

... AT THE ...

# PAN-AMERICAN

HE postponement of some of the special days has crowded many great events into the month of October. Toronto day opened the month with many thousand visitors from Canada on the 3d. Pennsylvania day, on Oct. 4, with Governor William A. Stone, his staff and several regiments of the national guard, made a splendid showing. New York day comes Oct. 9, following Brooklyn day. These two days will be the occasion for reunions of people west and east, as New Yorkers are found all over the Union.

The Citizens' Committee of Brooklyn has been hard at work for several months preparing for Oct. 8, and the programme which has been arranged promises a rare treat for those who are fortunate enough to gain admission to the Temple of Music during the time of its presentation. The special oration of the day will be delivered by the Hon. St. Clair McKelway, editor of the Brooklyn Eagle. The Hon. Ludwig Nissen will preside at the gathering. and other addresses will be delivered by Mayor Diehl of Buffalo, William C. Bryant, chairman of the Brooklyn Citizens' Committee, and Hon. W. I. Buchanan, director general of the Exposition. The music incidental to the occasion will be furnished by the Innes band of New York city. Elaborate fireworks have been planned for the even-

On New York day Governor Odell will be escorted to the Temple of Music by sixteen out of town organizations in addition to the three located in Buffalo. Over 3,000 men will be in line, composing one of the largest and most imposing parades which has ever taken place in times of peace. All branches of service will be represented-infantry. cavalry, artillery, naval and signal, An elaborate programme has been arranged for the Temple of Music and a reception in the New York State building with magnificent fireworks in the evening.

Illinois day, on Oct. 7, is to be one of the great days of the Exposition. While the death of President McKinley made it necessary to postpone the day from Sept. 16. Governor Yates and the State commission have determined that the day shall be an event of great importance at the Exposition. Thousands of Illinois people are coming. The great middle west, Ohio, Indiana and Illinois, with Michigan, have sent great crowds already to the Pan-American, and there is every indication that the attendance from that section will be ater than ever during the month of October.

Buffalo will have a great day on Oct. 19. At the Chicago fair Chicago day was the crowning event of the Exposition. So Buffalo people are laboring hard to make Buffalo day the climax in point of attendance.

Many nearby cities will have special days in October, notably Erie, Pa., on Oct. 10 and Dunkirk, N. Y., on Oct. 10. The list is constantly being added to. National Grange day, Oct. 10, will bring Patrons of Husbandry from every part of the nation. Atlantic City people and New Jersey people will visit the Exposition on Oct. 11, Atlantic City

Alaska day, on the 28th, will bring into prominence the products and people of that great golden land of the midnight sun, ice, snow and wealth. Every day from Oct. 1 to the 31st will be replete with interest, from Carnival week, which opens the month with the gorgeous floats of King Rex and the replica of Mardi Gras pageantry, to the magnificent pyrotechnic display on the night of the last day of the month.

No exposition ever held in the United States so appealed to the American public as has the Pan-American Exposition in its architectural beauty and symmetry, its gorgeous flowers, now in the fine beauty of fall bloom; its gardens and fountains and its special amusements, music and carnival features. "No person," said Secretary of Agriculture Wilson during a visit on Sept. 10, "should miss seeing the Exposition. It is magnificent beyond compare." Never again will the world see such an illumination. Not every city has the wonderful electric plant driven by Niagara Falls, and without some such plant it will be impossible to reproduce the solemn grandeur, the glorious beauty, the impressive radiance of this City of Light.

There are yet a few more weeks in which to see this vision with all its attendant beauties.

### Conventions at Buffalo.

October will be a great convention month at Buffalo. Thousands of members of organizations will take this opportunity of visiting the Exposition at that time. Beginning with the International Cremation congress from Oct. 1 to 3, the month closes with the Amer- Horticulture group, where the gay geican Langshan club on Oct. 26.

#### National Grange Day.

Thursday, Oct. 10, will be National statuary disposed along their slopes. Grange day at the Pan-American Exposition. At a meeting in the city of tion during the first week or October, e-nerally is expected.

OCTOBER FLOWERS.

There is a Beautiful Display of Them at the Pan-American - The Gardens of the City of Light Are One of its Most Attractive Features. Artistic Scenes Which the Lover of Beauty Should Not Fail to See.

The Pan-American is one of the greatest flower shows that ever was but there are so many other things in which it is great that the rarity and beauty of its floral features are perhaps apt to be ovenooked. If people would take more time to allow the artistic and beautiful features of the Exposition to impress their senses and permeate their inmost being instead of racing from one part of the grounds to another, trying to see every exhibit and every show on the Midway, they would go home feeling greater benefit from their stay in the Rainbow City.

The Pan-American is full of gardens which tempt the visitor to rest awhile and drink in the beauties of nature. It may seem surprising that in the month of October there are flowers worth looking at, but such is the fact. The rains of the past few weeks have kept the landscape as fresh and beautiful as in May and June, and as one flower goes out of the scene another takes its place. On opening day the hyacinths filled the air with their dainty fragrance, in June tulips lifted their proud heads, later in the month of brides and sweet girl graduates came roses, with their rich perfume, and as the summer passed the other flowers in their season sprang up as if by magic to take the place of those which had done their blossoming and served their turn in the entertainment of the visitors to the City of Light. And now one sees the tall canna, the gay geranium and such old fashioned flowers as grandmother's garden had-the phlox, the pink, the begonia, the petunia and other posies which are no less beautiful because they do not happen to be novel.

In entering the grounds by the Elmwood gate visitors pass two tall and curious looking trees, which perhaps few in their anxiety to reach the heart of the Exposition stop to notice. If they realized that they were century plants just budding, a thing which, as all know, century plants only do once in a long, long time, they would doubtless stop and look with open mouths wondering gaze. It is a sight which one cannot see very often anywhere else. One of these century plants is nearly forty feet in height.

ground the outlines of the Spanish up at its north end with the Mirror a scene whose artistic aspect must appeal to even the least æsthetic visitor. The cannas are very effective decorative plants, with their tall leaves in green and red and brown. A rich canna one sees here is named Governor now to change its name to President Roosevelt.

On the opposite side of the Triumphal Bridge is the Wooded Island, and here one roams amid old fashioned flowers, growing as though they had sprung up there all by themselves without any assistance from the landscape gardener and his corps of assistants. But of course that is not the case. The studied carelessness of the gardening of this island is only one of the pretty deceits employed to produce the impression that it is all the work of Mother Nature herself.

Have you seen the fairylike effects in the garden about the Fountain of Abundance at night? It is one of the new things. This small garden is very beautiful by day, and at night electric lights of different colors have been hidden among the flowers and planks, so that one sees the surface of the ground dotted with these little spots of light, bringing out the beauty of the flowers, and all forming a scene impossible to describe, but very charming indeed to witness. It is quite a pretty surprise even to old Pan-American visitors.

Did you ever notice in crossing the Court of Lilies, south of the Machinery building, a heavy vapor arising from the basin in the center of that court? Sometimes it has so much the appearance of smoke that people think something must be afire in the garden, but it is only the steam or vapor created by the heating of the water in that basin for the benefit of the tropical lilies which grow therein. These lilies, which are known as the Victoria Regia, have enormous leaves, some of them three feet in diameter.

Other gardens where there are flowers in bloom during this month of October are those in front of the United States Government building and the raniums and sweet petunias contrast their colors with the green flags growing in the basin and with the white

There was a floral fete at the Exposi-Washington held in 1900 the National and this in its way, of course, was an Grangers adopted resolutions setting affair of much beauty and magnifiaside this day, and a great assemblage cence; but, as a matter of fact, there of Patrons of Husbandry and farmers have been floral fetes at the Pan-American since opening day.

Dr. Silas Johnson Describes the sey believe there exists a town of Southern Interior.

STRANGE, UNIQUE PEOPLE FOUND

ical Missionary on the German Possessions In the Heart of the African Forests - Curlous Customs of a Little Known Race.

Served about the banquet board at Levy's in Los Angeles, Cal., the members of the University club a few nights ago heard strange, unique things about a land and people with which the world In 1880 there were seven pulp and is very little acquainted, says the St. Louis Post-Dispatch.

Dr. Silas S. Johnson, a member of the club, who spent seven years as a medical missionary in the interior of South Africa, related some of his interesting and paper. The amount of capital inobservations on the German posses-

sions in the heart of African forests. "They are not a people like the negro with whom you are acquainted here," he said. "Near the coast I have seen a few resembling the negro you know, but not many. The people of South Africa's Interior are tall, brown and muscular, with features sharp and intelligent, often bespeaking large capability and astute cunning.

"We found them without a written language. They had never seen a writ- is predicted that soon every species ten character. Indeed necessity for the d hard and soft wood will be used in written message never manifested it- he manufacture of pulp, writes the self since tribal and intertribal wars lugusta (Me.) correspondent of the made prolonged absence or distant journeying impossible. Few of the people of the clans we knew had ever been twenty miles away from their native ics, says that to supply the pulp and towns. A town would be composed of lumber mills of the state requires half a dozen villages and a village of about 600,000,000 feet of spruce lumber as many huts containing fifteen or jearly. He estimates that the amount twenty brown people. They had for the of available spruce timber in the whole most part never seen a white man be- state of Maine today approximates 27,fore our coming. They had never heard 600,000,000 feet. "Assuming," he adds, of the great outside world that lay beyond the ocean, which they considered and lumber mills will for many years to be merely a large river. They were be not far from 600,000,000 feet of as ignorant of any conception of the world as were the chimpanzees which than forty years to cut over the whole they shot in the treetops with their slender poisoned arrows.

"We gave them a written language of their own as soon as we could de- But there are some dangers now menvise one. We found them to possess marvelous memories. This is not to be should be avoided. The reckless and wondered at, for they trusted all contracts and all knowledge exclusively of the tree in the woods should cease to memory.

"Their language is beautiful in its consider their limited environments. They employ many fine shades of meaning where we employ only one. Especially is this true in expressions of their sly, cruel tactics of war. Their words and sentences are short, abrupt and as clear cut as terse. They have no law, no government. Dim centuries ago they had kings, but as they moved coastward it came to pass that the strongest, richest and most astute The Rose Gardens around the Wom- traditional respect for the law of nied the report that Dr. Diedrick was an's building, having for their back. primogeniture and for precedent, but marconed, says the New York World. a king's son or a headman's son canrenaissance buildings about the main not rule except he possesses that markcourt and the Electric Tower looming ed ability which makes him a natural leader. They possess a keen sense of Lakes and the Triumphal Bridge and justice, as is manifested in their the groups of statuary abounding, form palavers in the palaver or public meeting house which each village possesses. The men hunt, fight and trade. They trade in rubber, ivory, mahogany and

"On the shoulders of the women fall the chief responsibility of livelihood. Roosevelt. It would seem appropriate They clear a little new ground patch. grow their gardens and prepare the food, which is served to the men in the palaver houses. All the luxuriant growth of a tropic forest is theirs. Bananas, pineapples and sweet potatoes they have in wild profusion. The sweet potatoes grow from the banks of the cliffs and over the houses when not cut down.

> Because the women do all the work the men who are able to afford them have many wives. 'One wife, doctor!' exclaimed a man of my town in surprise. 'No, no: say five at least! Five might do, but one wife! She could never support me. And indeed she could not, for I have known him to have fifteen and twenty guests for two months in succession. Headmen have from forty to ninety wives. Every wife is bought. Quaint dogs of fox terrier type that they have always had, sheep with hair as fine as that of a horse, beautiful goats that are never milked and all manner of articles of trade go into the bargain. Quantity is nothing, variety everything. Once you buy a wife she is insured to you. If she elopes, she is returned or replaced. If she dies, she is replaced or your money is refunded. Nor do you take the first girl offered in her stead unless she pleases you. Satisfaction is guaranteed. Marriage is abject slavery, but man must have the goods with which to buy his wife. The girls are sold at five years of age. Rich old men buy them up in large numbers. cornering the market and depriving young men of wives. This frequently means trouble. Almost all of their wars come of a woman's elopement or abduction. They are scrupulous about marrying any one in the remotest way related to their clan.

> "A male child is made brave by throwing red pepper in its eyes. On the same principle young men about to go to war are made brave by swallowing live hornets. Only those who are not bewitched go to war. These wear hair, teeth, nalls and splinters of ancestral skulls as charms.

> "They believe strongly in a life beyoud, but they worship nothing. They believe there is a great creating spirit who has no care for the work of his band. Death, they believe, comes of being bewitched. The men are buried

the limit or the succe of paid for cuse and the women and children bend the houses. Below the surface The Che the earth, where the dead all lie. osts, where life goes on as here. A w believe there is one life space metimes between this life and ghost fe, when the spirit lives in a wild simal, generally a gorilla or elephant. 'hile highly superstitious most of iem, as I said, worship nothing. I ive known four or five kings, hower, who secretly made prayer to anstral skulls or a graven image. range to say, they know of the flood aditionally."

#### DEFORESTING MAINE.

orty Years to See the End of Spruce With Present Methods.

relve paper mills in Maine, having a apital invested of about \$2,500,000. At resent there are thirty pulp mills and wenty-eight paper mills, with a daily epacity of about 2,165 tens of pulp ested in the business is not far from \$0,000,000. These mills consume about \$0,000,000 feet of lumber each year. here are ground wood pulp mills and demical fiber mills. Three plants use loplar wood only in making pulp. thile others use spruce wood mainly. athough a few mills use small quantites of poplar, fir, plue and hemlock. Experiments of a successful character hve been made looking to the utilizaton of birch, beech and ash wood, and New York Post.

S. W. Matthews, chief of the Maine bureau of industrial and labor statis-"that the yarrly demand from the pulp spruce, it will take a period of more spruce producing section, a period sufficiently long for spruce to grow from twelve to eighteen inches in diameter. seing the forests of Maine which unnecessary waste in leaving so much at once. More care should be taken in yarding the logs and in hauling them simplicity and rarely full when you to the streams or railroads, and all unnecessary destruction of small trees should be avoided. If timber land owners will see to it, the forest area of the state will be made to yield a perpetual annual income."

#### DIEDRICK NOT MARCONED.

Peary Says Restraint Might

Have Made Him Violent. Mrs. Peary, wife of Lieutenant ruled by means of material strength, Peary, returned to South Portland, by will and acumen. They have a Me., the other day and promptly de-The doctor, says she, left the ship on a bunting trip, as it was supposed, but guards to keep people from her. Therethe boat brought back a letter from him stating that he would not return to the ship. He asked to have furs and provisions sent to him.

Dr. Cook and others went ashore and argued all night with him. He positively refused to go back and said he would stay with a party of natives. It was not deemed proper to attempt to compel him to return to the Windward because of his peculiar mental

It was thought that possibly he might recover if left on shore, but in the opinion of Dr. Cook he was in danger of becoming violently insane if taken back.

### Sudan Making Progress.

With the object of encouraging agriculture in the Sudan the British government has tentatively begun to purchase the crops raised by the fellahs, says the London Mail. Special commissions have been appointed for the regulation and establishment of titles to real property in town and country. These commissions settle the questions at issue on the spot. The continuous possession of a piece of ground for five years is regarded as sufficient evidence of title. The prohibition to grow tobacco has been withdrawn. An experiment in colonization has been carried out in the districts along the Blue and White Niles with two disbanded Sudanese battalions, but even so soon as this there is a considerable improvement in the condition of affairs in the

### Columbia.

Now blow ye winds a steady gale Across the sparkling main As strains Columbia's snowy sail To win the cup again.

Nor shift nor full, but full and strong Sweep o'er the foamy sea And bear our gallant yacht along

Full oft our yachtsmen, true, have shown Their skill to hold the cup; Full oft Britannia's had to own

That we can do her up A fair game for the two

To goal of victory.

White stends that breast the ocean spray, That's all we ask of you. A cloudless sky, a bracing breeze,

A start exact and fair. Our braw Columbia with ease To victory should bear.

We sek no favors in the race, But may Columbia set the pace.

So, here's a humper and a cheer

To captains and to crows!
To them of becor will be dear
Whos'er shall win or lose. Though fair Columbia take the game

May still our motto, all the same, Be "limids across the sens! -Emile Pickhardt in Boston Globe, ELECTRIC PRINTING.

#### micals Used In the Friesetireene Process.

An account of the interesting process of electrolytic printing devised by Mr. Friese-Greene was given in a lecture by R. C. Darling to the Royal Artillery institution last year and is published in the proceedings of that society. The object of the inventor is the supersession of printing ink, with its accompanying complications. The same presses and type can be used as heretofore, but instead of inking the type the latter is connected to the negative line of some source of electricity. The paper used is impregnated with suitable chemicals, while the pressure rollers are connected to the positive line. A current accordingly traverses the paper as it passes through the press, and the chemicals being decomposed thereby a sharp impression of the type appears on the surface of the paper.

The amount of chemicals needed to give a good impression is small. Thus in one experiment with a silver nitrate paper the current used was measured. and on deducting therefrom the amount of silver liberated it appears that an eight page newspaper could be printed with the liberation of 0.134 grain of silver. Of course silver nitrate, though convenient for experimental work, is unsuitable for practical use, since a paper impregnated with this salt turns black on exposure to light. The chemicals originally suggested for use in the industrial development of this scheme were a mixture of manganese sulphate and nitrate of soda, both of which are very cheap. This yielded an impression of a very dark brown, which tends to become blacker with age. Other saits have, however, been discovered which give perfectly black prints, the impression, it is stated being sharper than can be obtained with lok

The rate of production is very great. the experiment going to slow that some 36,000 impressions per hour are quite feasible, and it is possible to print on both sides of the paper, which PLANT is of course essential if the process is to compete with the older methods. By suitably selecting the impregnating salts prints can be obtained in a great variety of color. It has further been suggested that the method might be has become celebrated through the fine applicable to the typewriter, the inking ribbon being done away with and the prepared paper used in conjunction with metallic type connected to the negative main of an electric lighting circuit.

A modification of this scheme has been suggested by Mr. Wren of the United States weather bureau. In this a little book the size of an ordinary type replaces the type wheel or keys. This block is built up of a very great number of very fine wires, each insulated from the other. These wires are connected in groups to the keys. the arrangement of each group being such that on putting it in circuit the letter corresponding to the key depressed is printed on the paper .- En. ? uth of Main, between 7th and 11th ste

Some Things Melba Doesn't Want. Mme. Nellie Melba enjoys meeting her friends in the most simple way She does not hedge herself abou fore a recent injunction of hers is of much interest. In Paris she met an South of Main, East of Eleventh Stree American millionaire who is on the shady side of tifty and has great charm of manner and a good sense of humor. He asked Mme. Melba for the privilege of bringing to see her one or two Philadelphia friends who were staying in Paris. She turned and said very ear-

"Now, Mr. C., do you really want to be a good friend of mine? If you do. I want you to keep absolutely these rules that I have given to my best friends. I don't want to meet any young man. I don't want to meet any poor man. I don't want to meet any stupid man. I don't want to meet many women, and I don't want to meet any who are not lovely and well dressed and brilliant"

### A "Sand Bow."

The unusual optical phenomenon of a rainbow produced by the sun shining not on rain loops, but on particles of sand suspended in the air by wind, was witnessed over a part of the Great Sait lake recently by Professor James E. Talmage of the University of Utah The colors were very brilliant, and there was a secondary bow visible. The main bow was fully double the width of an ordinary rainbow. Only a segment of it was seen. The sand was collitic, consisting of calcareous spher ules of fairly uniform size, ranging between the limits of No. 8 and No. 10 shot, which are polished and exhibit a pearly luster. Professor Talmage points out that the production of the bow must be due to reflection from the out er surfaces of the spherules and can not be explained on the principle of refraction and total reflection, general ly applied to the explanation of the rainbow.

The largest beeblye in the west is claimed by Lexington, III In the ...... bridge of the Alton railroad over the Mackinaw river a great colony of the insects have established quarters. The hive is in the main span, which is 120 feet long, and the stretch of comb is fully that length.



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South of Main, West of Seventh Street 12, First and south C, Piano factory

Second and south B

14, Fourth and south D Fifth and south B

16, Fifth and south H

18, Seventh and south C SECOND DISTRICT.

21, Eighth and Main Eighth and south E

24, Seventh and south G

25, Ninth and south A

26, Tenth and south

28. Eleventh and south ! 'THIRD DISTRICT.

31. Twelfth and south B

Twelfth and south B

34, Fourteenth and Main

Fourteenth and south C

Eighteenth and south A 87, Twentieth and Main

FOURTH DISTRICT.

North of Main. West of 10th st. to Piver.

41, Third and Main, Robinson's shop, 42. Third and north C

43. City Building. Fire Headquarters

Gaar, Scott & Co

46. No. I hose house, north 8th street

47, Champion Mills 48, Tenth and north I

FIFTH DISTRICT. West Richmond and Sevastorol.

5. West Third and Chestnut

West Third and National road West Third and Kinsey

West Third and Richmond avenue"

Earlham College

State and Boyer Grant and Ridge Hunt and Maple

Grant and Sheridan Bridge avenue, Paper Mill

SIXTH DISTRICT. North of D Street, East of Tenth Stre

61. Railroad Shops Hutton's Coffin Pactory

Hoosier Drill Works Wayne Agricultural Works

Richmond City Mill Works

66, Westcott Carriage Co 67, Thirteenth and north H

SEVENTH DISTRICT. Between Main and North D sts, E of 10th

Ninth and north A Eleventh and north B

Fourteenth and north C

No. 3 hose house, east end Eighteenth and north C Twenty-second and north E

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10-Natural pas o

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